

PAVLOVSKIY, M.M.; MAKAROV, D.V.

Refining highly unsaturated gasoline with activated aluminum
oxide. Zhur. prikl. khim. 34 no.5:1107-1110 My '61.
(MIRA 16:8)

(Aluminum oxide) (Gasoline)

L 44729-66 EWT(m)/EWP(e)/EWP(t)/ETI LIP(c) ID/WW/WH

ACC NR: AP6031984

SOURCE CODE: UR/0386/66/004/005/0169/0172

AUTHOR: Pavlovskiy, M. N.; Drakin, V. P.

ORG: none

TITLE: Concerning the metallic phase of carbon ~7

SOURCE: Zhurnal eksperimental'noy i teoreticheskoy fiziki. Pis'ma v redaktsiyu. Prilozheniye, v. 4, no. 5, 1966, 169-172

TOPIC TAGS: carbon, metal property, phase transition, high pressure research, graphite, shock wave propagation

ABSTRACT: The authors investigated the shock compressibility of graphite in the region of its hypothetical transition into the metallic phase. The method and the measuring apparatus are described in earlier papers (with L. V. Al'tshuler et al, Fiz. tverdogo tela v. 5, 279, 1963 and earlier). Synthetic graphite (1.77 and 1.85 g/cm²) and Ceylon graphite pressed from finely crushed powder (2.23 g/cm³) were used. The resultant plot of the pressure against the specific volume (P-V) is compared with the data of N. L. Coleburn (J. Chem. Phys. v. 40, 73, 1964) and with the results of B. J. Alder's and R. H. Christian's dynamic measurements of the compressibility of graphite (Phys. Rev. Lett. v. 7, 367, 1961). Satisfactory agreement between the authors' data and the results of Alder and Christian is observed up to pressures of the order of 600 kbar, but a great disparity is noted in the pressure region 600-900 kbar, where Alder and Christian conclude that the graphite becomes metallic, whereas the authors

Card 1/2

Card 2/2

PAVLOVSKIY, M. N.

S/056/60/039/01/02/029
B006/B070

AUTHORS: Al'tshuler, L. V., Kuleshova, L. V., Pavlovskiy, M. N.

TITLE: Dynamical Compressibility, Equation of State, and Electrical Conductivity of Sodium Chloride at High Pressures *21* *✓*

PERIODICAL: Zhurnal eksperimental'noy i teoreticheskoy fiziki, 1960, Vol. 39, No. 1 (7), pp. 16-24

TEXT: The authors report on the compressibility and conductivity of single crystals of rock-salt under pressures ranging from $50 \cdot 10^3$ to $800 \cdot 10^3$ atm. That many dielectrics show much higher conductivity during the passage of shock waves, was discovered by A. A. Brish, M. S. Tarasov, and V. A. Tsukerman in 1950. A similar effect in dynamically loaded ionic and molecular crystals was detected in 1956. The relationship between the dynamical and electrical properties, and the characteristic of shock waves has, however, not yet been investigated. To do so was the purpose of the present work. The dynamical compressibility of single crystals of rock-salt (2.16 g/cm^3) was measured by a method

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Dynamical Compressibility, Equation of State, S/056/60/039/01/02/029
and Electrical Conductivity of Sodium Chloride B006/B070
at High Pressures

described in Ref. 5. The parameters of the measured shock adiabatics are compiled in Table 1. Fig. 1 shows the DU-diagram of the shock adiabatics, $\checkmark$
D and U denoting the wave and mass velocities of the shock wave. The highest applied pressure increased the crystal density 1.85 times. Fig. 2 shows $P_g(\delta)$, and Fig. 3 $P(\delta)$; P_g denotes the pressure of shock compression, $\delta = v_{OK}/v$, v is the specific volume behind the shock wave in the initial state, and v_{OK} is the same at $0^\circ K$. In the following, the volume dependence of Grüneisen coefficients $\gamma(v)$ is investigated starting from an expression due to Slater and L. D. Landau, and also from one in Ref. 9. Two expressions (7a) and (7b) are obtained giving γ as a function of n and δ . n is a parameter taken from the theory of ionic crystals and lies between 7.84 and 9.1 (Refs. 10 and 11). The two γ -formulas are again transformed into (9a) and (9b) which give γ as functions of δ , the lattice parameter φ , and the interatomic distance r. Analysis shows that, in the range of densities investigated, the repulsive force may be represented in the form $Be^{-r/\varphi}$ with $\varphi = 0.318$ Å. In this range the

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Dynamical Compressibility, Equation of State,
and Electrical Conductivity of Sodium Chloride
at High Pressures

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B006/B070

Grüneisen coefficient varies from 1.75 to 1.27. In the following, the experimental arrangement proposed by A. V. Reymers for measuring the electric conductivity is discussed (Fig. 4). The determination of the resistance of the shock-compressed crystals, R_x , is described. All the experimental material for 14 points of reference in the crystal is given in Table 3 (v_0/v , T , P_g and the specific conductivity Σ). The temperature dependence of the specific conductivity is represented in Fig. 6 by the function $\log \Sigma(T^{-1})$. For high temperatures, this curve has a constant slope corresponding to an activation energy of 1.2 ev. In conclusion, the authors thank Academician Ya. B. Zel'dovich for his interest, and V. P. Drakin for collaboration in the experiment. B. I. Davydov is mentioned. There are 6 figures, 3 tables, and 16 references: 8 Soviet, 3 German, and 5 American.

SUBMITTED: January 25, 1960

Card 3/3

AL'TSHULER, L. V.; PAVLOVSKIY, M. N.; KULESHOVA, L. V.; SIMAKOV, G. V.

Alkali metal halides at high pressures and shock compression
temperatures. Fiz. tver. tela 5, no. 1:279-280 Ja '63.
(MIRA 16:1)

(Alkali metal halides)
(High-pressure research)

L 51544-65 EWT(1)/EWT(m)/EPA(w)-2/EEC(t)/EWP(t)/EWP(b)/EWA(m)-2 Pz-6/P1-4
 ACCESSION NR: AP5010736 IJP(c) JD/JW/AT UR/0181/65/007/004/1212/1215

AUTHOR: Pavlovskiy, M. N.; Vashchenko, V. Ya.; Simakov, G. V. 40
 13

TITLE: Equation of state of cesium iodide

SOURCE: Fizika tverdogo tela, v. 7, no. 4, 1965, 1212-1215

TOPIC TAGS: equation of state, cesium iodide, shock adiabat, electron excitation, thermodynamic property 21

ABSTRACT: This is a continuation of an investigation of CsI which was started earlier (FIT v. 5, 279, 1963), where its shock compression was investigated up to ~ 1.1 million bars. In the present investigation the range of shock compression was extended to 5.5 million bars in the case of single crystals, and shock compressibility of porous substances was investigated up to 1.6 million bars to obtain complete information on the thermodynamic properties. Single crystals of CsI with density 4.51 g/cm³ and porous samples with density 2.51 g/cm³ (porosity coefficient 1.8) were used, and the test procedure was described in detail in the earlier paper. An equation of state is derived with the aid of the free-volume theory, with allowance for the contribution made to the pair interaction potential by the Van der

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L 51544-65

ACCESSION NR: AP5010736

Waals forces, the Coulomb forces, and the overlap forces. Shock adiabats are plotted under various assumptions and the results prove the large role played by anharmonicity in the thermodynamics of ionic crystals. The contribution of the electron excitation to the thermodynamic quantities is estimated for high temperatures (but lower than the width of the forbidden band). The result that the electrons have a strong influence at high temperatures agrees qualitatively with the earlier data and with the results obtained by others from experiments with CsBr, NaCl, and LiF. Orig. art. has: 1 figure, 5 formulas, and 2 tables.

ASSOCIATION: None

SUBMITTED: 19Oct64

ENCL: 00

SUB CODE: AS, MD

MR REF SOV: 002

OTHER: 004

Card 2/2

PAVLOVSKIY, M.P., kand.med.nauk

Case of the plastic formation of an artificial esophagus from the large intestine in simultaneous burns of the esophagus and stomach.
Khirurgiya 38 no.10:116-117 0 '62. (MIRA 15:12)

1. Iz 2-go khirurgicheskogo otdeleniya (zav. - prof. G.G. Karavanov)
Lvovskoy oblastnoy klinicheskoy bol'nitsy (glavnyy vrach N.I. Besedin).

(BURNS AND SCALDS) (ESOPHAGUS—SURGERY)
(INTESTINES—TRANSPLANTATION)

PAVLOVSKIY, M.P.

"K" Hemostatic sponges in clinical practices. Vrach.delo
no.2:195-197 P '58. (MIRA 11:3)

1. Kafedra fakul'tetskoy khirurgii (zav.-prof. G.G. Karavanov)
L'vovskogo meditsinskogo instituta i khirurgicheskoye otdeleniye
dorozhnoy bol'nitsy L'vovskoy zheleznoy dorogi.
(HEMOSTATICS)

SPEKTOR, P.A.; PAVLOVSKIY, M.P.; FIL'TS, O.V.

Georgii Grigor'evich Karabanov; on his sixtieth birthday. Nov.khir.
arkh. no.6:126-127 N-D '59. (MIRA 13:4)
(KARABANOV, GEORGII GRIGOR'EVICH, 1899-)

PAVLOVSKIY, M.P. (L'vov, ul. Kutuzova, d.5, kv.1)

Surgical treatment of biliary cirrhosis. Nov.khir. arkh. no.1:
43-48 Ja-F '57.

1. Kafedra fakul'tetskoy khirurgii (zav. - prof. g.g. Karavanov)
lechebnogo fakul'teta L'vovskogo meditsinskogo instituta.
(LIVER--SURGERY)

PAVLOVSKIY, M.P., Cand Med Sci -- (diss) "Portacaval^V organo-
anastomosis in surgery of ~~xxx~~ cirrhosis of the liver." L'viv,
1959, 15 pp (L'viv State Med Inst) 200 copies
(KL, 34-59, 118)

- 104 -

PAVLOVSKIY, M.P. (L'vov)

Role of Russian scientists of the 19th and the beginning of the
20th century in the development of studies on cirrhosis of the liver.
Vrach. delo no.2:142-144 F '61. (MIRA 14:3)

1. Klinika fakul'tetskoy khirurgii (zav. - prof. G.G.Karavanov)
L'vovskogo meditsinskogo instituta i khiurgicheskoye otdeleniye
(nach. - B.K.Sevast'yanov) Dorozhnoy bol'nitsy L'vovskoy zheleznoy
dorogi.

(LIVER—CIRRHOSIS)

PAVLOVSKIY, M.P.

Complications following abdominal puncture for ascites. Vrach.delo
no.5:525 My '59. (MIRA 12:12)

1. Kafedra fakul'tetskoy khirurgii (zav. - prof. G.G. Karavanov)
Lvovskogo meditsinskogo instituta.
(PUNCTURES (MEDICINE)) (ASCITES)

KARAVANOV, G.G.; PAVLOVSKIY, M.P.

New variation of portacaval anastomosis in the treatment of portal hypertension. Eksper. khir. 5 no. 2:50 Mr-Apr '60. (MIRA 14:1)
(PORTACAVAL ANASTOMOSIS) (HYPERTENSION)

1ST AND 2ND ORDER										3RD AND 4TH ORDER									
PROCESSES AND PROPERTIES INDEX																			
<i>CR</i> Electrometric determination of the acidity of dark-colored petroleum products by the Babbarov-Bostigov method. M. T. Pavlovskii. <i>Neftekhimicheskie Zh.</i> No. 3, 73-7 (1965). <i>72</i>										COMMON VARIABLES INDEX									
										COMMON ELEMENTS									
ASD-35A METALLURGICAL LITERATURE CLASSIFICATION																			
COMMON ELEMENTS										COMMON VARIABLES INDEX									

121 AND 122 SERIES		PROCESSED AND PREPARED INDEX		123 AND 124 SERIES	
Automatic regulator for continuous processes. M. T. PAYLOVSKI (Zavod. Lab., 1933, 7, 1387— 1392).—An automatic distributor device is described. R. T.					
ASS-56A METALLURGICAL LITERATURE CLASSIFICATION					
SYMBOLS		SYMBOLS		SYMBOLS	
SYMBOLS		SYMBOLS		SYMBOLS	

1ST AND 2ND ORDER										3RD AND 4TH ORDER									
PROCESSING AND PREPARED DATA																			
CA										21									
Automatic regulation in the collector of carbonization gases. M. L. Pavlovskiy, <i>J. Chem. Ind. (U. S. S. R.)</i> 15, No. 10, 414 (1938). - App. is described. H. M. Leicester																			
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SYNDICATE										BOWLING									

1ST AND 2ND COPIES

PROCESSING AND PROPERTIES INDEX

3RD AND 4TH COPIES

5

Intensification and automatic regulation of the heat regime of a drum drier for the production of calcined soda.
M. T. Pavlovskii. J. Chem. Ind. (U. S. S. R.) 17, No. 2, 1-4 (1940).
H. M. Leicester

Common Elements

Common Variables

ASD-51A METALLURGICAL LITERATURE CLASSIFICATION

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99TH AND 100TH COPIES

PAYLOVSKIY, N.

How the L. Iashchuk youth crew obtained 1370 centners of corn per
hectare. Nauka i pered.op. v sel'khoz. 8 no.11:15-17 N '58.
(MIRA 11:12)

(Corn (Maize))

PAVLOVSKIY, N.

Striving for technical progress. 3. Mechanics help to perfect the
the design of airplane material and parts. Grashd.av. 13 no.10:30-32
0 '56. (MIRA 10:1)

1. Glavnyy inzhener remontnogo predpriyatiya Grashdanskogo vozdušno-
go flota.
(Airplanes--Maintenance and repair)

Pavlovskaya, N. A.

5

The reaction yielding CuHCl and its application in investigation of pharmaceutical preparations and chemico-legal practice. N. A. Pavlovskaya (Moscow Pharm. Inst., Ministry of Health, USSR). *Aptekha Delo* 3, No. 6, 24-27 (1964). This is a modification of Art. Ann's method. A drop of a suspension of CuI in water is placed on ashless filter paper, followed 3-4 min. later by a drop of the soln. to be tested. The appearance of a red or orange-red color indicates the presence of Hg . The CuI suspension is prepd. by dissolving 6.3 g. of KI in a small amt. of H_2O and adding 40 cc. of 10% CuSO_4 soln. The ppt. is filtered off, washed with distd. H_2O until the washings become colorless, swept into a flask, and H_2O is added to 50 cc. The sensitivity of the reaction is 1:200,000. The sensitivity can be increased 5 times by placing 10-15 drops on the paper and 500 times by using chromatography. Zn , Cu , AsO_3 , Sn , and SbO_3 ions do not interfere when present in a ratio of 100:1. Ag and Bi in a ratio of 10:1 considerably decrease the sensitivity, whereas an Fe soln. (1:10,000) has almost no effect when Fe and Hg are in a ratio of 100:1. This is fortunate because Fe is omnipresent in the human body. The method can be used before and after destruction of org. matter with Cl in *staph. nateendi*.
A. S. Mirkin

PAVLOVSKAYA, N. A.

3700. Isolation of small quantities of mercury from biological materials. N. A. Pavlovskaya. *Aptekha Delo*, 1950, 6 (1), 25-30. Three methods of extracting Hg from the reaction mixture obtained after organic matter in biological materials has been destroyed are compared—(i) extraction on copper spirals, (ii) electrolysis, and (iii) extraction by a soln. of iodine in ether. The third method gives the best results; with this, 1 μ g of Hg can be detected in 200 μ l of liquid and the recovery is 90 to 98 per cent. in the extraction stage. In a proposed method, Hg is pptd. as Cu_2HgI_4 with CuI ; the ppt. is collected on a sintered glass filter and dissolved in a soln. of I in KI . The Hg is then determined colorimetrically by the method of Polezhaev (*Gigiena i Sanitariya*, 1946, (5), 37-38). No interference is caused by Ag^+ , H^+ , Sn^{4+} , Cr^{3+} , Mn^{2+} , AsO_4^{3-} , SbO_4^{3-} , Cu^{2+} and Zn^{2+} in amounts 100 times, and by Fe^{3+} in amounts 1000 times, that of the Hg. Loss of Hg during mineralisation can be reduced by using glass-wool plugs to entrain volatilised Hg. With this precaution, 40 to 60 per cent. of the Hg in biological specimens can be recovered. The lower detection limit is 20 μ g per 100 g of sample.

E. HAYES

SHEMYAKIN, F.M.; PAVLOVSKAYA, N.A.

Some physicochemical techniques of studying the structure of
vanadyl compounds. Sbor. nauch. rab. MFI 2:30-33 '59.

(MIRA 14:1)

1. Kafedra analiticheskoy khimii (zav. - prof. F.M. Shemyakin)
Moskovskogo farmatsevticheskogo instituta.
(VANADIUM SALTS)

PAVLOVSKIY, N. G.

Pavlovskiy, N. G. "The effect of Saki curative mud on the adsorptive ability of the physiological system of connective tissue", Sbornik nauch. trudov kurorta Saki, Vol. IV, 1948, p. 67-70.

So: U-3261, 10 April 1953 (Letopis 'Zhurnal 'nykh Statey, No. 12, 1949).

PAVLOVSKIY, N.G.

Kolpikov, N.V., Pavlovskiy, N.G. and Chernysheva, V.A. - "The effect on an organism of a chemically-active substance, extracted from therapeutic muds," Trudy Krym. med. in-ta im. Stalina, Vol. XII, 1948, p. 99-100

SO: U-3950, 16 June 53, (Letopis 'Zhurnal 'nykh Statey, No. 5, 1949).

PAVLOVSKIY, N.M.

Lebesgue function of a certain linear approximation process. Dokl.
AN SSSR 148 no.6:1261-1264 F '63. (MIRA 16:3)

1. Dnepropetrovskiy inzhenerno-stroitel'nyy institut. Predstavleno
akademikom A.N.Kolmogorovym.
(Functions) (Approximate computation)

L 20031-65 EWT(d) IJP(c)

ACCESSION NR: AP5001634

S/0140/64/000/004/0118/0125

AUTHOR: Pavlovskiy, N. M. (Dnepropetrovsk)

TITLE: Method of approximating differentiable functions by trigonometric polynomials

SOURCE: IVUZ. Matematika, no. 4, 1964, 118-125

TOPIC TAGS: trigonometry, calculus

Abstract: The author formulates and proves the following three theorems relative to approximating differentiable functions by trigonometric polynomials:

Theorem 1. Let $\varepsilon_n(M_W(r), x) = \sup_{f \in M_W(r)} \sup_x |f(x) - \sigma_n^N(f, x)|$.

Then as $n \rightarrow \infty$, the following equations hold:

$$\varepsilon_n(M_W(r)) = \frac{M_C r}{N} + o\left(\frac{1}{n^r}\right) \quad (r \geq 2),$$

$$\varepsilon_n(M_W(1)) = \frac{2M}{\pi} \frac{\ln(n)}{n} + o(1/n),$$

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ACCESSION NR: AP5003634

where

$$C_r = \frac{4}{\pi} \sum_{\nu=0}^{\infty} \frac{(-1)^\nu (r-1)}{(2\nu+1)^2}$$

Theorem 2. As $n \rightarrow \infty$, the following asymptotic equations hold:

$$E_n(M_n(1), x) = \frac{2M}{\pi} \frac{\ln(n)}{n} + O(1/n),$$

$$E_n(M_n(r), x) = \frac{C_r M}{n+1} + O\left(\frac{1}{nr}\right) \quad (r > 1),$$

where

$$C_r = \sup_{|\varphi| \leq 1} \left| \frac{1}{\pi} \int_0^2 \sum_{k=1}^{\infty} \frac{1}{k^{r-1}} \cos(kt + \frac{rM}{2}) \varphi(t) dt \right|,$$

and $\varphi(t)$ is a periodic function having the property

$$\int_{-\pi}^{\pi} \varphi(t) dt = 0.$$

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ACCESSION NR: AP5003634

Theorem 3. As $n \rightarrow \infty$, the asymptotic behavior of the upper bound
 $E_n(M(r)H(\alpha), x) = \sup_{f \in M(r)H(\alpha)} \sup_x |f(x) - \sigma_n^N(f, x)|$
 is expressed by the equation

$$E_n(M(r)H(\alpha), x) = \begin{cases} \frac{M}{\pi} \frac{\ln(n)}{n} + O(1/n), & r = 1, \alpha = 0, \\ C_{1\alpha} K \frac{1}{n} + O(1/n^{1+\alpha}), & r = 1, 0 < \alpha \leq 1, \\ C_{r\alpha} K \frac{1}{n^{r+1}} + O(1/n^{r+\alpha}), & r > 1, 0 \leq \alpha \leq 1, \end{cases}$$

where

$$C_{1\alpha} = \frac{2^{\alpha-1}}{\pi} \left\{ \int_0^{\pi/2} t^\alpha \operatorname{ctg} \frac{t}{2} dt + \int_{\pi/2}^\pi (\pi - t)^\alpha \operatorname{ctg} \frac{t}{2} dt \right\},$$

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ACCESSION NR: AP5003634

the coefficient $C_{r\alpha}$ is equal to the upper bound

$$C_{r\alpha} = \sup_{\varphi \in H_0^{(\alpha)}} \left| \frac{1}{\pi} \int_0^{2\pi} \sum_{k=1}^{\infty} \frac{1}{k^{r-1}} \cos(kt + \frac{r\pi}{2}) \varphi(t) dt \right|$$

extended to the class $H_0^{(\alpha)}$ of functions $\varphi(x)$ of period 2π going to zero with $x \rightarrow 0$. Orig. art. has 22 formulas.

ASSOCIATION: none

SUBMITTED: 04Dec62

ENCL: 00

SUB CODE: MA

NO REF SOV: 004

OTHER: 003

JPRS

Card 4/4

PAVLOVS'KIY, N.M. [Pavlovs'kyi, M.M.]

Processes of approximation of periodic functions by
trigonometric polynomials. Dop. AN URSR no.8:1005-1009 '64.
(MIRA 17:8)

1. Dnepropetrovskiy inzhenerno-stroitel'nyy institut.
Predstavleno akademikom AN UkrSSR Yu.A. Mitropol'skim
[Mytropol's'kyi, IU.O].

PAVLOVSKIY, N.M.

Use of trigonometric polynomials in the approximation of functions
satisfying Lipshits' condition. Usp. mat. nauk 19 no.5:129-133 S-O
'64. (MIRA 17:11)

PAVLOVSKIY, N.M. (Dnepropetrovsk)

A method of approximation of differentiable functions by
trigonometric polynomials. Izv. vys. ucheb. zav.; mat. no.
4:118-125 '64. (MIRA 17:9)

PAVLOVSKIY, N.M. (Dnepropetrovsk)

Study of certain linear processes of approximation of the S.N.
Bernstein and V. Rogozinskii type. Izv. vys. ucheb. zav.; mat.
no.2:126-135 '65. (MIRA 18:5)

PAVLOVSKIY, N.M. (Dnepropetrovsk)

Norm of a linear process constructed on the basis of polynomials
of the best mean-square approximation in a given system of points.
Izv.vys.ucheb.zav.; mat. no.1:105-113 '65.

(MIRA 18:3)

PAVLOVSKIY, N.M. (Dnepropetrovsk)

Norm of a linear process of the Bernstein-Rogosinski type. Izv. vys.
ucheb. zav.; mat. no.5:78-90 '64. (MIRA 17:17)

PAVLOVSKIY, Nikolay Nikolayevich; BELYAN, Aleksandr Titovich;
ZAMOTA, V.G., red.; GUREVICH, M.M., tekhn. red.

[High potato yields] Vysokie urozhai kartofelia. Moskva,
Sel'khozizdat, 1962. 53 p. (MIRA 15:11)

1. Direktor sovkhoza "Vedrich" Rechitskogo rayona Gomel'skoy ob-
lasti (for Pavlovskiy). 2. Glavnyy agronom sovkhoza "Vedrich"
Rechitskogo rayona Gomel'skoy oblasti (for Belyan).
(Potatoes)

PAVLOVSKIY, O. M.

"Rentgenofotometricheskoye izumeniye mineral'noy nasyschennosti nekotorykh uchastkov skeleta cheloveka."

report submitted for 7th Intl Cong Anthropological & Ethnological Sciences,
Moscow, 3-10 Aug 64.

BURAVLEV, Yevgeniy Sergeyevich; PAVLOVSKIY, Oleg Porfir'yevich;
LOBANOVA, R.F., red.

[A million in love; encounter with a contemporary]
Million vliublennykh vstrecha s sovremennikom. Kemerovo, Kemerovskoe knizhnoe izd-vo, 1964. 239 p.
(MIRA 18:2)

PAVLOVSKIY, P., dotsent, kand.khimich.nauk

Reasons for favoring the single-phase method of freezing meat. Mias.ind.
SSSR 33 [i.e.34] no.2:31-33 '63. (MIRA 16:4)

1. Moskovskiy tekhnologicheskii institut myasnoy i molochnoy promyshlennosti.

(Meat, Frozen)

PAVLOVSKIY, P.

For live and active lectura propaganda. Sov. profsoiuzy 6 no.15:
53-57 N '58.

(MIRA 11:12)

(Minsk--Communist education)

PAVLOVSKIY, P.A., inzh.

Experience in the construction of a 800 kv. d.c. power transmission line between the Volga Hydroelectric Power Station (22d Congress of the CPSU and the Donets Basin. Energ.stroi. no.30:71-77 '62.

(MIRA 1612)

1. Trest "Volgogradelektroset'stroy."

(Electric power distribution) (Electric lines--Overhead)

MILITSYN, Konstantin Nikitich, kandidat tekhnicheskikh nauk; LOVCHIKOV, Basiliy Semenovich, kandidat tekhnicheskikh nauk; SUVOROV, Artur Mikhaylovich, inzhener; OSOKIN, N.Ye., kandidat tekhnicheskikh nauk, retsenzent; PAVLOTSKIY, P.G., inzhener, retsenzent; ARONSHTAYN, N.A., inzhener, retsenzent; NOVIKOV, N.F., inzhener, retsenzent; RZHEZNIKOV, V.S., redaktor; ARKHANGEL'SKAYA, M.S., redaktor izdatel'stva; BEKKER, O.G., tekhnicheskii redaktor

[Smelting and founding of nonferrous metals and alloys] Plavka i lit'e tsvetnykh metallov i splavov. Pod nauchnoi red. K.N. Militsyna. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po chernoi i tsvetnoi metallurgii, 1956. 662 p. (MLRA 10:2)

1. Kol'chuginskiy tekhnikum po obrabotke tsvetnykh metallov (for Osokin, Pavlotskiy, Aronshteyn, Novikov)
(Founding) (Smelting)
(Nonferrous metals--Metallurgy)

PAVLOVSKIY, P.V.

Movement of brigades and shock workers of communist labor at the
Moscow Aerogeodetic Enterprise. Geod. 1 kart. no.7:42-45 J1 '60.
(MIRA 13:9)

(Cartography) (Surveying) (Socialist competition)

Mr. J. H. [unclear], [unclear] [unclear], [unclear] [unclear], [unclear] [unclear].

Construction [unclear] experience with [unclear] [unclear] [unclear].
Gen. [unclear] [unclear] [unclear] [unclear] [unclear] [unclear].

(X) [unclear] [unclear]

PAVLOVSKIY, P. Ye., Aspirant

"Autolytic Changes in the Glycogen in Meat During Storage at Above-Freezing and Below-Freezing Temperatures, Cold Storage, and Defrosting." Cand Chem Sci, Moscow Technological Inst of the Meat and Dairy Industry, 16 Sep 54. (VK, 2 Sep 54)

SO: Sum 432, 29 Mar 55

The autolytic transformation of muscle glycogen during the cooling and freezing of muscle tissue. F. R. Pavlovskii (Technol. Inst. Meat and Milk Ind., Moscow, USSR) *Meat* 21, 816-22, 1956. During freezing of steam-heated beef at temps. of -10, -25 and -50° an autolytic decomposition of the muscle glycogen is observed, the rate of which decreases with the temp. of freezing. Under similar conditions of freezing steam-heated muscle as well as muscle previously kept at 4° for 24 hrs. there occurs an accumulation of lactic acid; the rate of accumulation of the lactic acid is reduced at the lower freezing temps. At the lower freezing temps. there is also an accumulation of sugar, which increases with the drop in the freezing-temp. range. In beef muscle kept at 4° for 24 hrs. and then frozen new glycogen is formed at a higher rate at lower freezing and storage temps. The accumulation of lactic acid during the storage of beef is slight. Steam-heated frozen beef stored at -20° and at -50° loses more of its glycogen than beef stored during the freezing process. The autolytic transformation of muscle glycogen during the cooling and freezing of muscle tissue. F. R. Pavlovskii (Technol. Inst. Meat and Milk Ind., Moscow, USSR) *Meat* 21, 816-22, 1956. During freezing of steam-heated beef at temps. of -10, -25 and -50° an autolytic decomposition of the muscle glycogen is observed, the rate of which decreases with the temp. of freezing. Under similar conditions of freezing steam-heated muscle as well as muscle previously kept at 4° for 24 hrs. there occurs an accumulation of lactic acid; the rate of accumulation of the lactic acid is reduced at the lower freezing temps. At the lower freezing temps. there is also an accumulation of sugar, which increases with the drop in the freezing-temp. range. In beef muscle kept at 4° for 24 hrs. and then frozen new glycogen is formed at a higher rate at lower freezing and storage temps. The accumulation of lactic acid during the storage of beef is slight. Steam-heated frozen beef stored at -20° and at -50° loses more of its glycogen than beef stored during the freezing process. The autolytic transformation of muscle glycogen during the cooling and freezing of muscle tissue. F. R. Pavlovskii (Technol. Inst. Meat and Milk Ind., Moscow, USSR) *Meat* 21, 816-22, 1956.

+ Chair Biochemistry, Moscow Tech Inst. Med. 1957

PAVLOVSKIY, P., kandidat khimicheskikh nauk.

Autolytic changes in shredded muscular tissues. Mias, ind. SSSR
no.2:42-44 '57. (MIRA 10:5)
(Muscle) (Autolysis)

PAVLOVSKIY, P.Ye.

Autolytic conversion of glycogen following the defrosting of muscle tissue [with summary in English]. Biokhimiia 22 no.3:572-577 My-Je '57. (MIRA 10:11)

1. Kafedra biokhimiia Moskovskogo tekhnologicheskogo instituta myasnoy i molochnoy promyshlennosti.

(MUSCLES, metabolism,

glycogen autolytic conversion in defrosting frozen tissue (Rus))

(GLYCOGEN, metabolism,

musc., autolytic conversion in defrosting frozen tissue (Rus))

PAVLOVSKIY, P.Ye.

Autolytic transformations of crushed muscular tissue in the
process of salting. Izv.vys.ucheb.zav.pishch.tekh.no.5:37-41
'60. (MIRA 13:12)

1. Moskovskiy tekhnologicheskii institut myasnoy i molochnoy
promyshlennosti. Kafedra biokhimi. (Muscle) (Meat, Salt)

L 38963-66

ACC NR: AP6020033

(A)

SOURCE CODE: UR/0066/66/000/002/0028/0031

AUTHOR: Pavlovskiy, P. Ye. (Candidate of chemical sciences, Docent); Grigor'yeva, M.P.

ORG: Moscow Technological Institute of the Meat and Milk Industry (Moskovskiy
tekhnologicheskii institut myasnoy i molochnoy promyshlennosti)

TITLE: Proteolytic changes of white and red muscles during refrigeration of chicken meat

SOURCE: Kholodil'naya tekhnika, no. 2, 1966, 28-31

TOPIC TAGS: food, refrigeration, low temperature effect , *COMMERCIAL ANIMAL* ,
FOOD CHEMISTRY

ABSTRACT: This article gives comparative investigations of the changes of proteolytic activity and the accumulation of free amino acids in white and red muscles during refrigeration of chicken meat. The proteolytic activity was determined by the change of the optical density of filtrates after precipitation with trichloroacetic acid which were obtained as a result of 4-8 hr incubation at 37C of denatured horse blood hemoglobin with muscle tissue extracts before and after thermostating. The change of optical density of the filtrate was referred to 1 mg of protein extract. The optical density was determined on a spectrophotometer at 279 μ . The content of amino acids was established by one-dimensional partition

Card 1/2

UDC: 637.54.037.1:577.1

L 38963-66

ACC NR: AP6020033

chromatography with subsequent photolorimetric analysis of their copper derivatives. The investigation revealed that the initial proteolytic activity of extracts of red muscles is, by a factor of 14, higher than extracts from white muscles. During autolysis it drops for the red muscles, however it remains higher than that for the white muscles. During autolysis of the white muscles the proteolytic activity of the extracts increases and by the end of eight days reaches the original activity of the red muscles. Freezing and thawing increase the proteolytic activity of muscles. After storing red muscles in a frozen form for two, and of white muscles for four months, there was a further increase of proteolytic activity of the muscle extract after their thawing. With a longer storage time the proteolytic activity remains just as high, only dropping somewhat with an increase of storage time. The nonautolyzed red muscles, in comparison with the white, contain appreciably more free amino acids, especially glutamic acid and glutamine. Under identical conditions of autolysis free amino acids are accumulated more intensely in unfrozen red muscles than in white muscles. After freezing the muscles and storing them in a frozen form there is an appreciably greater accumulation of free amino acids in comparison with unfrozen muscles, this being more pronounced for the red muscles. Orig. art. has: 4 figures.

SUB CODE: 06/ SUBM DATE: 00/ ORIG REF: 006/ OTH REF: 003

Card 2/2 JP

PAVLOVSKIY, P. Ye.; GOLOVKINA, G. P.

Proteolytic transformations occurring during the aging or curing
of pork meat. Izv.vys.ucheb.zav.; pishch.tekh.no. 2:31-34 '64.
(MIRA 17:5)

1. Moskovskiy tekhnologicheskii institut myasnoy i molochnoy
promyshlennosti, kafedra biokhimii myasa.

PAVLOVSKIY, P.Ye.; GRUSHETSKAYA, L.A.

Changes in the proteolytic activity of the α liver dependent
on the preservation conditions. Izv. vys. ucheb. zav.; pishch.
tekh. no.4:90-92 '63. (MIRA 16:11)

1. Moskovskiy tekhnologicheskiy institut myasnoy i molochnoy
promyshlennosti, kafedra biokhimii myasa.

PAVLOVSKIY, P.Ye.; GRIGOR'YEVA, M.P.

Transformations of the protein components of autolyzing muscle tissues during meat cooling and freezing. Izv.vys.ucheb.zav.; pishch.tekh. no.1:24-29 '63. (MIRA 16:3)

1. Moskovskiy tekhnologicheskii institut myasnoy i molochnoy promyshlennosti, kafedra biokhimii.
(Meat, Frozen) (Proteins)

PAVLOVSKIY, P. Ye.; GRIGOR'YEVA, M.P.

Transformation of the muscle tissue proteins of meat during
defrosting. Izv. vys. ucheb. zav.; pishch. tekhn. no.2:47-51 '63.
(MIRA 16:5)

1. Moskovskiy tekhnologicheskii institut myasnoy i molochnoy
promyshlennosti, kafedra biokhimii.
(Meat, Frozen) (Proteins)

PAVLOVSKIY, P. Ye.

Autolytic and denaturing changes in the components of the muscle tissues in case of meat cooling and freezing. Izv. vys. ucheb. zav.; pishch. tekhn. no.5:52-57 '62. (MIRA 15:10)

1. Moskovskiy tekhnologicheskiy institut myasnoy i molochnoy promyshlennosti, kafedra biokhimi.

(Meat—Preservation) (Glycogenolysis)

FILED 6/15/58
EXCERPTA MEDICA Sec.2 Vol.11/5 Physiology, etc. May 58

2042. AUTOLYTIC DECOMPOSITION OF GLYCOGEN AFTER THAWING OF FROZEN MUSCLE (Russian text) - Pavlovsky P. E. Dept. of Biochem., Technicol. Inst. of Meat and Milk Industry, Moscow - BIOKHIMIJA 1957, 22/3 (572-577) Graphs 3

Autolytic decomposition of muscle glycogen and accumulation of lactic acid after thawing proceed at a higher rate than in non-frozen muscle. These glycogen transformations depend on the extent of autolytic changes preceding thawing and on the conditions of freezing and storage of the frozen muscle.

PAVLOVSKIY, Petr Yevgen'yevich, dots.; PAL'MIN, Viktor Vasil'yevich,
dots.; DEMIN, N.N., doktor biol. nauk, prof., retsenzent;
FEL'DMAN, A.L., kand. tekhn. nauk, dots., retsenzent;
KUZIN, A.M., red.; KOSSOVA, O.N., red.; SATAROVA, A.M.,
tekhn. red.

[Biochemistry of meat and meat products] Blokhimiia miasa
i miasoproduktov. Moskva, Pishchepromizdat, 1963. 324 p.
(MIRA 16:4)

1. Chlen-korrespondent Akademii nauk SSSR (for Kuzin).
(MEAT) (BIOCHEMISTRY)

FRANTS, L. [Franc, L.]; PAVLOVSKIY, R.

The 1000-type creep testing device. Zav. lab. 30 no. 4: 192-196
'65. (MIRA 18:12)

1. Prazhskiy issledovatel'skiy institut chernoy metallurgii.

L 15164-65 EWT(d)/EWT(l)/EPA(s)-2/EWT(m)/EWP(w)/EPF(n)-2/EWG(v)/EWA(d)/EWP(v)/
EPR/EMP(k)/EWA(h)/EWA(l) Pa-5/Pf-4/Ps-4/Pt-10/Pu-4/Psb AFWL/AEDC(a)/ESD/
ASD(a)-5/SSD/AS(mp)-2/ASD(p)-3/ESD(gg)/ESD(t) EM/WW

ACCESSION NR: AP4048854

S/0170/64/000/011/0073/0076

AUTHOR: Pavlovskiy, R. A.

TITLE: Solution of a mixed stationary problem of heat conductivity for a cylinder ²¹ ^B

SOURCE: Inzhenerno-fizicheskiy zhurnal, no. 11, 1964, 73-76 ²⁶

TOPIC TAGS: cylinder, heat conduction, temperature distribution, heat exchange, harmonic function, conformal mapping

ABSTRACT: An infinitely long cylinder has a part of its surface bounded by generatrices at a stationary temperature, and the remaining part of its surface is insulated. The medium exterior to the cylinder is homogeneous and isotropic. The problem is that of finding the temperature distribution in the space surrounding the cylinder. This reduces to determining the plane harmonic function $\theta(r, \phi)$ satisfying

$$\theta \Big|_{r=a} = f(\phi), \quad \frac{\partial \theta}{\partial r} \Big|_{r=a} = 0. \quad (1)$$

Here f is assumed odd. The technique used is conformal mapping, which ultimately reduces to the determination of three functions satisfying three given equations.

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L 15164-65

ACCESSION NR: AP4048854

The author gives a specific example. With a different mapping function the method also handles the interior of the cylinder. Orig. art. has: 13 formulas.

ASSOCIATION: none

SUBMITTED: 22Jul63

SUB CODE: MA, TD

NO REF SOV: 004

ENCL: 00

OTHER: 000

Card 2/2

POVODSKAYA, R.S.

Salonetskiy Tsentral'nyy Sposob Engendered (in the ...)
tube in a
'65.

1. Tsentral'nyy Sposob Engendered (in the ...)
A.N. Krylova.

PAVLOVSKIY, S., kand.tekhn.nauk

Effect of the weekly regulation of the capacity of the hydroelectric
power station on the water levels below the tailrace. Rech.
transp. 19 no. 6:35-37 Je '60. (MIRA 14:2)
(Gorkiy hydroelectric power station) (Hydraulic engineering)

KISELEV, V.I., tekhnik; PAVLOVSKIY, S.A. , tekhnik

Caps for chemical water purification. Energetik 6 no.9:17-18 S '58.
(MIRA 11:11)
(Feed-water purification--Equipment and supplies)

MARUTOV, V.A., inzh.; PAVLOVSKIY, S.A., inzh.

Automatic control of the unloading conveyor of loading machines.
Mekh.i avtom.proizv. 16 no.12:95-37 D '62. (MIRA 16:1)
(Loading and unloading) (Automatic control)

PAVLOVSKIY, S.A.

AUTHORS: Kiselev, V.I. and Pavlovskiy, S.A.; Technicians SOV-91-58-9-9/29
TITLE: Covers for Chemical Water Purifying (Kolpachki dlya khim-vodoochistki)
PERIODICAL: Energetik, 1958, Nr 9, pp 17-18 (USSR)
ABSTRACT: The plastic sodium cationite and mechanical filter covers produced at the Moscow "Karbolit" Plant for use in chemical water purifying installations in electric power plants are not durable enough and tend to break up. The authors describe a new metallic filter cover made from defective turbine condenser tubes. The covers could also be prepared from vinyl plastic tubes of a suitable diameter. There are 2 photos and 3 diagrams.

1. Water--Purification 2. Water filters--Equipment

Card 1/1

PAVLOVSKIY, S. I.

✓ Amchilovskiy, Nikolai V. and Sergei I. Pavlovskiy (ed.)
sortirovka metallov. (The Finishing and Sorting of Metals)
Pp. 171. 1964. Moscow. Gosizdat Nauchnoy Tekh.
Literatury. 1964. 171 p.

4526

RG 606

BARDIN, I.P.; BORISOV, A.F.; HELAN, R.V.; YERMOLAYEV, G.I.; VAYSBERG, L.E.;
ZHEREBIN, B.N.; BORODULIN, A.I.; SHAROV, G.V.; DOMNITSKIY, I.F.; CHUSOV, F.P.
SOROKO, L.N.; ELIMASENKO, L.S.; PAVLOVSKIY, S.I.; ZIL'BERSHTEYS, M.B.;
LYULEHKOV, I.S.; NIKULINSKIY, I.D.; BRAGINSKIY, I.A.; SALOV, Ye.M.;
TROSHIN, N.F.; PETRIKEYEV, V.I.; ARGUNOV, M.I.; DUL'NEV, F.S.; BIDULYA, L.N.
GAYNANOV, S.A.; PROLOV, N.P.; VINICHENKO, V.S.; KOGAN, Ye.A.

G.E. Kazarnovskii; obituary. Stal' 15 no.8:757 Ag'55. (MLRA 8:11)
(Kazarnovskii, Grigoriï Efimovich, 1887-1955)

PAVLOVSKIY, S.P., inzh.; BARAB-TARLE, M.Ye., inzh.; SVIRIDENKO, S.Kh., inzh.

The DE-6601 automatic jointing and surfacing machine with magazine
feed. Der. prom. 7 no.1:3-4 Ja '58. (MIRA 11:1)
(Jointer (Woodworking machine))

PAVLOVSKIY, S.S., kand.tekhn.nauk

Calculating the extreme levels in connection with nonstationary
movement of flow in the tail water of a hydroelectric power
plant. Elek.sta. 31 no.2:29-33 P '60. (MIRA 13:5)
(Hydroelectric power stations)

PAVLGYSKIY, S.S., kand.tekhn.nauk

Calculation of end structures in the afterbay of spillway dams. Trudy
Nauch.-issl.sekt.Mosk.fil.Inst."Energoostroï" no.3:83-117 '59.
(MIRA 14:7)

(Spillways)

PAVLOVSKIY, S.S.:

PAVLOVSKIY, S.S.: "Investigation of the movement of a stream and its scouring action on a protective incline in the lower portions of hydraulic structures". Moscow, 1955. Min Higher Education USSR. Moscow Order of Labor Red Banner Construction Engineering Inst imeni V.V. Kuybyshev. (Dissertations for the Degree of Candidate of Technical Sciences)

SO: Knizhnaya letopis' No 44, 29 October 1955. Moscow.

AMCHISLAVSKIY, Natan Veniaminovich; PAVLOVSKIY, Sergey Iosifovich;
SLAVKIN, V.S., redaktor; VALOV, N.A., redaktor izdatel'stva;
VAYNSHTEYN, Ye.B., tekhnicheskiy redaktor

[Finishing and grading of metals] Otdelka i sortirovka metalla.
Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po chernoi i tsvetnoi
metallurgii, 1956. 151 p. (MLRA 9:9)
(Metals--Finishing)

AUTHOR: Pavlovskiy, S.S., Candidate of Technical Sciences SOV-98-58-10-12/16

TITLE: Calculation of the Size of Stones on the Apron (Raschet krupnosti kamnya na risberme)

PERIODICAL: Gidrotekhnicheskoye stroitel'stvo, 1958, Nr 10, pp 43-46 (USSR)

ABSTRACT: This is a description of experiments in determining the bursting speed of spillway water. The results of experiments are given in form of graphs. Working formulae for calculating the size of stones and the effect of the water power absorbers were derived. The following conclusions were made: decreasing of the bursting water speed can not be obtained by means of deepening the apron well; bursting speed depends on the relative pressure of upper water; the apron length can be reduced by means of water power absorbers. The coefficient of efficiency allows the calculation of quantity, type and efficiency of water power absorbers. There are 4 graphs and 1 diagram.

1. Dams--Physical properties 2. Water--Control systems
3. Mathematics--Applications

Card 1/1

PAVLOVSKIY, S.S., kand. tekhn. nauk.

Calculating size of rocks to be used in aprons. Gidr. stroi. 27
no.10:43-46 0 '58. (MIRA 11:12)
(Dams) (Hydraulics)

BELEN'KIY, Mark Naumovich; LARINA, Mariya Nikolayevna; FAVLOVICH, Yevgeniy Stanislavovich; FAVLOVSKIY, Sergey Sergeyevich; RASTORGUYEV, Aleksey Iosifovich; KOLTUNOVA, L.F., red.

[Technical, industrial and financial plan and analysis of the work of locomotive and car repair plants] Tekhpromfinplan i analiz deiatel'nosti lokomotivo-vagonoremontnykh zavodov. [By] M.N.Belen'kii i dr. Moskva, Transport, 1964. 253 p. (MIRA 17:9)

PAVLOVSKIY, S.S., kand.tekhn.nauk

Coefficients of discharge and resistance of Howell-Bunger valves,
Gidr. stroi. 33 no.5:41-43 My '63. (MIRA 16:5)
(Valves)

14(6)

SOV/112-59-1-458

Translation from: Referativnyy zhurnal. Elektrotehnika, 1959, Nr 1, p 61 (USSR)

AUTHOR: Pavlovskiy, S. S.

TITLE: Investigation of Functioning of Lower -Pool End Reinforcements

PERIODICAL: Tr. N.-i. sektora Mosk. fil. in-ta "Orgenergostroy," 1957,
Nr 1, pp 86-95

ABSTRACT: Bibliographic entry.

Card 1/1

SOV/98-59-8-8/33

30(1)

AUTHOR:

Pavlovskiy, S.S., Candidate of Technical Sciences

TITLE:

Lower Water Reinforcements Allowing the Level of the Dam to be Raised

PERIODICAL:

Gidrotekhnicheskoye stroitel'stvo, 1959, Nr 8, pp 31-35 (USSR)

ABSTRACT:

While it is normal procedure for the spillway dam to be laid as low as possible, geological conditions sometimes allow the reverse to be the case, which thus contributes to an economizing of concrete. This system requires that the apron reinforcement be either inclined or graded down in steps. An inclined apron was used on Petenville Dam in the USA, and fig.1 illustrates a Soviet dam constructed on the same lines. Research conducted by the Scientific Research Group of the Moscow branch of the Organization for Power Construction was aimed at establishing the effect of dampers in the inclined apron on the erosive action of the discharge stream. These experiments were illustrated in fig.2, a brief description being given in the text, and they established that dampers in a horizontal apron were more effective in reducing the velocity of

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SOV/98-59-8-8/33

Lower Water Reinforcements Allowing the Level of the Dam to be Raised

the discharged stream flow than inclined aprons. The data obtained indicated that dampers were considerably more effective in reducing turbulence in high-level than in low-level ones. Fig.3a gives the results of more detailed research carried out on the system illustrated in fig.2b, and shows that when the stone deposit is laid on an incline, the size of the gravel used is considerably reduced (from 1.6 to .65cm), indicating that small-size gravel is more resistant to erosion in this case. Fig.3b contains the results of tests carried out on the model illustrated in fig.2a, with inclines varying from 1:4 to 1:7, which indicated that the resistance of the stones increased in the case of sloping aprons. Dams with horizontal and sloping aprons are compared in fig.4, and tests showed that in the case of the version with a sloping apron, the head of the dam was lowered by 8.5m and the length of the apron reinforcement reduced by 17m, thus providing for economy in building materials. This system was found to be very successful with stream flows of up to 20-25 m³/sec; for stream flows in excess of this, the graded-step system is more effective. Fig.5 contains di-

Card 2/3

SOV/98-59-8-8/33

Lower Water Reinforcements Allowing the Level of the Dam to be Raised

agrams comparing a dam with a low-level horizontal apron reinforcement with a sloping-apron dam, and it is proved that the determination of the length of the lower stage of the reinforcement is identical with that of the normal horizontal reinforcement. A similar scheme to the one outlined in the article was used on the Cheboksary dam, and fig.6 shows the 2-apron scheme employed, the inclination of the end of the apron being 1:10. A brief outline is given of the main data concerning the construction of this type of dam, which is recommended as being the most effective for stream flows of up to $20-25\text{m}^3/\text{sec}$. The conclusions drawn from the experiments and from practical experience are recapitulated at the end of the article. There are 7 diagrams and 4 references, 3 of which are Soviet and 1 German.

Card 3/3

PAVLOVSKIY, S.S., kandidat tekhnicheskikh nauk.

Determining the speed of scour below dams. Gidr.stroi.25 no.8:
45-50 S '56. (Dams) (MLRA 9:10)

PAVLOVSKIY, S.T.

Machining form surfaces on lathes. Stan.1 instr. 28 no.2:37
F '57. (MLRA 10:5)
(Lathes--Attachments)

PAVLOVSKIY, V.; OSTAPENKO, K.; MENDELEVICH, M.M.; BATANOV, Yu.P.; ANTONETS,
G.I.; ONIPENKO, N.I.; GORCHAK, G.K.; ANDRIYASH, L.T.; AMELIN, I.;
IGNATOVICH, N.; CHIZHOV, A.; DALMATOV, M.K.; SIKORSKIY, A.H.; KOVA-
LENKO, Ya.R.

Information and brief news. Veterinariia 40 no.9:83-93 S '63.
(MIRA 17:1)

YUGOSLAVIA

V. PAVLOVSKY [Affiliation not given.]

"Meeting of Veterinarians and Animal Husbandry Technicians of the Agricultural Estate "Erdut".

Belgrade, Veterinarski Glasnik, Vol 17, No 4, 1963; pp 377-380.

Abstract : Report of year-end scientific and administrative meeting at this large state farm. Data and discussion about plan fulfillment, cattle and pigs, milk, artificial insemination, predominant infectious diseases and treatment and related subjects.

1/1

PAVLOVSKIY, V.B.; VINOKUR, D.Ya.

Modernize the assortment of linen fabrics taking into account consumers' requirements. Tekst. prom. 21 no. 4:8-10 Ap '61. (MIRA 14:7)
(Linen)

PAVLOVSKIY, V.B.; VINOKUR, D.Ya.; TSIKALOVSKAYA-BEREZHENYAK, A.P.

Improving the assortment of linen fabrics. Tekst.prom.15 no.4:
15-16 Ap '55. (MIRA 8:5)
(Linen)

PAVLOVSKIY, V.E.

Stroboscope for the observation of the development of fatigue
cracks. Zav.lab. 30 no.3:363 '64. (MIRA 17:4)

1. Institut mekhaniki AN UkrSSR.

GARF, M.E., kand. tekhn. nauk; BUGLOV, Ye.G., kand. tekhn. nauk;
PAVLOVSKIY, V.E., inzh.

Characteristics of the accumulation of fatigue damage in case
of nonstationary stress spectra expanding under the initial
fatigue limit. Vest. mashinostr. 44 no.6:23-25 Je '64.
(MIRA 17:8)

DEDUSENKO, Yu.M.; PAVLOVSKIY, V.G.

Using an electronic digital computer in calculating arrangements of
gas-turbine units for optimum parameters. Trudy Lab.gidr.mash.AN USSR
no.11:171-181 '64. (MIRA 17:10)

PAVLOVSKIY, V.; LEVKOVSKIY, A.I., kand. ekonom. nauk, red.; GARSIA, L.,
red.; DARONYAN, M., mladshiy red.; MOSKVINA, R., tekhn. red.

[Economy of modern Thailand] Ekonomika sovremennogo Tailanda.
Moskva, Izd-vo sotsial'no-ekon.lit-ry, 1961. 182 p.

(MIRA 15:2)

(Thailand—Economic conditions)

1957-1958
KOPAYEV, V.V.; PAVLOVSKIY, V.I.

Using gravimetry for studying the geological structure of the crystalline foundation in the central part of the Kursk magnetic anomaly. Razved. i okh. nedr 23 no.7:38-46 J1 '57. (MLRA 10:11)

1. Kurskaya geofizicheskaya ekspeditsiya.
(Central Russian Upland--Geology, Structural)

PAVLOVSKIY, V.I.; ZHAVORONKIN, I.A.

Objectives of the further study of the Belgorod iron ore province
using geophysical methods. Mat. po geol. i pol. iskop. tsentr.
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(Kursk Magnetic Anomaly--Iron ores)
(Prospecting--Geophysical methods)

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A054/A130

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TITLE: Problems in surveying rich iron ore deposits in the Kursk magnetic anomaly, in the light of the latest geophysical data

PERIODICAL: Razvedka i okhrana nedr, no. 12, 1960, 32 - 35

TEXT: In the area of the Kursk magnetic anomaly, where intensive geophysical surveying and test borings have been carried out, rich iron ore deposits have been discovered. The most thoroughly surveyed area was that of Starooskol'sk and as a result the Lebedinsk, Saltykovsk and Stoylensk deposits were found. Geophysical surveying activities have recently been restricted in this area because it is thought that there are no more worthwhile deposits. With regard to some areas this statement has been premature, however, because the geophysical survey there had not been intensive enough. Considerable zones connected to the Starooskol'sk tectonic structure have not been covered adequately by geophysical research and drilling holes at great distances from each other does not give sufficient data to characterize the geological structure of the precambrian foundation. As a result of the opening of new deposits in Pogrometsk and Chernyansk, i.e., in areas which

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